

## CLAIMS

What I claim as my invention is: (Claim Number 1) Discovering the property of any induction motor to act as an alternator, when rotating without the driving electrical power, providing low-power alternating-current output, the frequency and voltage of which is proportional to the angular speed of the rotor of the induction motor, and the alternation of phases of the three-phase alternating-current output is in sympathy with the direction of rotation of the magnetic field which is in logical relation to the rotation of the rotor.

(Dependent Claim Number 1) To utilize the low-power alternating-current output from the induction motor being generated in conditions described in Claim Number 1, the use of one or two multi-pole electromagnetic switches to make a changeover so that the low-power alternating-current output being generated by the mechanical rotation of the rotor does not sink into the extremely-low impedance mains power-supply side, and is routed as a signal to some process-control module or equipment with or without a display.